

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re the Application of:

NETT et al.

Serial No.: Not yet assigned

Filed: January 21, 2002

Atty. File No.: 2730-97-CON

For: "A METHOD FOR INACTIVATING
GONADOTROPHS"

Commissioner of Patents
Washington, D.C. 20231

Group Art Unit: 1653

Examiner: A. Davenport

INFORMATION DISCLOSURE
STATEMENT

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TYPED OR PRINTED NAME: Brenda Carpenter

SIGNATURE: Brenda Carpenter

Dear Sir:

Pursuant to Applicants' duty of disclosure under 37 CFR § 1.56 and 37 CFR §§ 1.97-1.98, Applicants hereby submit the enclosed PTO Form 1449. The majority of the documents identified herein were of record in U.S. Patent Application Serial No. 09/551,933, now U.S. Patent No. 6,326,467, and since the above-identified patent application is a continuation thereof, copies of such documents are not being submitted under 37 CFR § 1.98(d). Copies of the documents not already cited are attached hereto. Applicants do not admit that any of such documents, alone or in any combination, are considered to be material to patentability as defined in 37 CFR § 1.56(b). Moreover, the inclusion of these documents is not to be construed as an admission by Applicants that each such document is prior art as to the above-identified patent application.

Respectfully submitted,

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FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	ATTY. DOCKET NO. 2730-97-CON	SERIAL NO. Not yet assigned
	APPLICANT NETT et al.	
	FILING DATE January 21, 2002	GROUP ART 3763

J1046 U.S. PTO
 10/054552
 01/21/02

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROP.
	AA	6,326,467	12/2001	Nett et al.	530	328	
	AB	6,214,969	4/2001	Janaky et al.	530	313	
	AC	6,103,881	8/2000	Nett et al.	530	402	
	AD	5,786,457	7/1998	Nett et al.	530	402	
	AE	5,631,229	5/1997	Nett et al.	514	15	
	AF	5,492,893	2/1996	Nett et al.	514	15	
	AG	5,488,036	1/1996	Nett et al.	514	15	
	AH	5,378,688	1/3/95	Nett et al.	514	15	
	AI	5,169,933	12/1992	Anderson et al.	530	313	
	AJ	4,863,857	9/5/89	Blalock et al.	435	68	
	AK	4,767,842	8/30/88	Stevens	530	324	
	AL	4,713,366	12/1987	Stevens	930	110	
	AM	4,691,006	9/1/87	Stevens	530	324	
	AN	4,652,550	3/1987	Rivier et al.	530	313	
	AO	4,526,716	7/2/85	Stevens	260	112.5	
	AP	4,444,759	4/24/84	Rivier et al.	424	177	
	AQ	4,400,376	8/23/83	Sanderson	424	88	
	AR	4,302,386	11/24/81	Stevens	260	112	
	AS	4,201,770	5/6/80	Stevens	424	177	
	AT	4,081,533	3/28/78	Cheesman	424	177	

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FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
							YES	NO
	AU	2185486	7/1987	Great Britain				
	AV	WO 90/09799	9/1990	WO				
	AW	EP 91 10 4730		Europe				

OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)

AX	Bacha et al., "Organ-Specific Binding of a Thyrotropin-Releasing Hormone-Diphtheria Toxin Complex after Intravenous Administration to Rats", pp. 1072-1076, 1983, <u>Endocrinology</u> , Vol. 113.
AY	Bacha et al., "Systemic Toxicity of Diphtheria Toxin-Related Fragments (CRM26, CRM45), a Hormone-Toxin Hybrid Protein (TRH-CRM45), and Ricin A ¹ (42234), pp. 131-138, 1986, <u>Proc. Soc. Exp. Biol. Med.</u> , Vol. 181
AZ	Bacha et al., "Thyrotropin-Releasing Hormone-Diphtheria Toxin-Related Polypeptide Conjugates; Potential Role of the Hydrophobic Domain in Toxin Entry". pp. 1565-1570, <u>J. Biol. Chem.</u> , Vol. 258, February
AAA	Bajusz et al., <u>Proc. Nat'l. Acad. Sci.</u> , Vol. 86, pp. 6318-6322 (Aug, 1989)
BBB	Bourdon et al., "The Potential of Monoclonal Antibodies as Carriers of Radiation and Drugs for Immunodetection and Therapy of Brain Tumors", pp. 79-101, 1984, <u>Prog. Exp. Tumor Res.</u> , Vol. 28
CCC	Cawley et al., "Epidermal Growth Factor-Toxin A Chain Conjugates: EGF-Ricin A is a Potent Toxin While EGF-Diphtheria Fragment A is Nontoxic", pp. 563-570, 1980, <u>Cell</u> , Vol. 22, November
DDD	Chang et al., "Artificial Hybrid Protein Containing a Toxin Protein Fragment and a Cell Membrane Receptor-Binding Moiety in a Disulfide Conjugate", pp. 1515-1522, 1977, <u>J. Biol. Chem.</u> , Vol. 252, February
EEE	Chaudhary et al., "Activity of a Recombinant Fusion Protein Between Transforming Growth Factor Type α and <u>Pseudomonas Toxin</u> ", pp. 4538-4542, 1987, <u>Proc. Natl. Acad. Sci. USA</u> , Vol. 84, July
FFF	Colombatti et al., "Cloned Fragment of Diphtheria Toxin Linked to T Cell-specific Antibody Identifies Regions of B Chain Active in Cell Entry", pp. 3030-3035, 1986 <u>J. Biol. Chem.</u> , Vol. 261, March
GGG	Greenfield et al., "Mutations in Diphtheria Toxin Separate Binding from Entry and Amplify Immunotoxin Selectivity", pp. 536-539, 1987, <u>Science</u> , Vol. 238, October
HHH	E. Gross and J. Heienhofer (eds), <u>Peptides</u> , Proceedings of the Sixth American Pept. Symposium, pp. 803-806

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III	Meyers et al., "Specific Chemical Cleavage of Diphtheria Toxin With Hydroxylamine", pp. 17122-17127, 1988, <u>J. Biol. Chem.</u> , Vol. 263, No. 32, November
JJJ	Murphy et al., "Genetic Construction, Expression, and Melanoma-Selective Cytotoxicity of a Diphtheria Toxin-Related α -Melanocyte-Stimulating Hormone Fusion Protein", pp. 8258-8262, 1986 <u>Proc. Natl. Acad. Sci. USA</u> , Vol. 83, November
KKK	Myers, "Hybrid Toxins: An Approach to Cell Specific Toxicity", 1987, Dissertation submitted to the Division of Animal Science and the Graduate School of the University of Wyoming, Laramie, Wyoming
LLL	Myers D.A., et al., "Protein-Peptide Conjugation by a Two-Phase Reaction", pg. 343, 1985, <u>Biochem J.</u> , 227:1
MMM	Oeltmann et al., "A Hybrid Protein Containing the Toxic Subunit of Ricin and the Cell-Specific Subunit of Human Chorionic Gonadotrophin", pp. 1028-1032, 1979, <u>J. Biol. Chem.</u> , Vol. 4, February
NNN	Oeltmann, "Synthesis and <u>In Vitro</u> Activity of a Hormone-Diphtheria Toxin Fragment of a Hybrid", pp. 430-435, 1985, <u>Biochem Biophys. Res. Commun.</u> , Vol. 133, December
OOO	Pastan et al., "Immunotoxins", pp. 641-648, 1986, <u>Cell</u> , Vol. 47, December
PPP	Pineda M.H. et al., "Atrophy of Rabbit Testes Associated with Production of Antiserum to Bovine Luteinizing Hormone", pp. 665-668, 1967, <u>Proc. Soc. Exp. Bio. Med.</u> , Vol. 125, No. 3, July
QQQ	Quadri S.K. et al., "Inhibition of Spermatogenesis and Ovulation in Rabbits with Antiovine LH Rabbit Serum", pp. 809-814, 1966, <u>Proc. Soc. Exp. Biol. Med.</u> , Vol. 123
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SSS	Singh et al., "Controlled Release of LHRH-DT From Bioerodible Hydrogel Microspheres", pp. R5-R8, 1976 <u>International Journal of Pharmacology</u>
TTT	Szepeshazi et al., <u>Anti-Cancer Drugs</u> , 3 109-116 (1992)
UUU	Tallgat M. et al., "Impairment of Spermatogenesis and Libido Through Antibodies to Luteinizing Hormone", pp. 113-118, 1971, <u>Fertility and Sterility</u> , Vol. 22, No. 2, February
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WWW	Youle, et al., "Immunotoxins Show Rapid Entry of Diphtheria Toxin but not Ricin via the T3 Antigen", pp. 93-98, 1986, <u>J. Immunol.</u> , Vol. 136, January
XXX	CRC of Chemistry of Protein Conjugation and Cross-Linking, pp. 58, 152-160, 189, 267-285, 288-293
YYY	Youle, et al., "Cytotoxic Ribonucleases and Chimeras in Cancer Therapy", <u>Crit. Rev. in Therapeutic Drug Carrier Systems</u> , 10(1), pp. 1-28 (1993)

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	ZZZ	Conn et al., "Gonadotrophin-Releasing Hormone and its Analogues", <u>The New England J. of Med.</u> , pp. 93-103, Jan., 1991

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